Traffic Commission Meeting April 6, 2015

Agenda Item No. 7a

TO:

Traffic Commission

FROM:

Ted Semaan, Engineering Manager – Major Projects

SUBJECT: Review of Crossing Guard Program and Proposed Modifications

RECOMMENDATION

The Chief of Police and the Public Works Director recommends that the Traffic Commission review the staff report and concur with staff recommendation to:

- 1. Continue crossing guard coverage at twenty one (21) of the current twenty nine (29) locations/posts; and
- 2. Relocate the remaining eight (8) crossing guard posts to new posts at crosswalks with higher school-aged pedestrian volumes or to adjacent crosswalks better suited for pedestrian crossings.

BACKGROUND

On November 13, 2014, the Employee Relations and Public Safety Committee met and discussed the Crossing Guards Program. Following the discussion regarding the Crossing Guards and school safety, the following action items were approved by the Employee Relations and Public Safety Committee:

- 1. Direct Torrance Police Department (TPD) to conduct a survey of crossing guards, signage and pedestrian counts in the vicinity of Elementary Schools;
- 2. Explore "No Parking" zones and impact of street sweeping:
- 3. Explore coordination between Torrance Unified School District (TUSD) and the City of the volunteer valet program; and
- 4. Implement continuing education regarding driver and pedestrian safety

On November 25, 2014, City Council concurred with the above and the Committee recommendation to take the Crossing Guard Program, item number 1, matter before the Traffic Commission for further consideration.

At the February 2, 2015 meeting, Traffic Commission reviewed the staff report, overview presentation and provided input regarding the Crossing Guards Program. TPD and the Public Works Department (PW) staff provided an overview of items 2, 3, and 4 to the Traffic Commission for their information and stated they will continue coordination efforts.

Staff noted that additional survey data for the number of children crossing at existing marked crosswalks without crossing guards within the 500 feet radius elementary school zone boundary will be collected and presented to Traffic Commission for further input in regards to the Crossing Guards Program. Staff noted that additional field investigations will be performed to identify existing school area signage, school crosswalks that need to be repainted, and unprotected (without stop sign or traffic signal control) or midblock crosswalks of each school's boundary.

ANALYSIS

There are seventeen (17) TUSD elementary schools within the City and 29 existing post locations where crossing guards assist in directing children going to or returning from Torrance elementary schools during designated hours. **Attachment A** is an overview map showing the TUSD elementary schools, existing and proposed Crossing Guard post locations. The Crossing Guard program is administered by the Torrance Police Department.

TPD and PW staff completed the survey of the number of children crossing at each of the existing crossing guard locations, at existing crosswalks located within a 500 foot radius around elementary schools, and of existing school area signage and markings. **Attachment C** shows the Elementary school area zone maps with the results of the signage survey and school-age pedestrian counts for these locations.

Upon review and careful consideration of the data, staff is recommending that the Traffic Commission concur with the proposed recommendations to:

- 1. Continue crossing guard coverage at twenty one (21) of the current twenty nine (29) locations/posts; and
- 2. Relocate the remaining eight (8) crossing guard posts to new posts at crosswalks with higher school-aged pedestrian volumes or to adjacent crosswalks better suited for pedestrian crossings.

Attachment B summarizes the Crossing guard posts to remain (Column 2), those proposed to be relocated (Column 3), proposed new posts (Column 4), and justifications (Column 5).

The field review conducted identified some marked crosswalks that were deteriorated or require the crosswalks to be yellow due to its vicinity to the elementary school. Staff submitted a work request to Field Operations to repaint these crosswalks. Work will be completed as their workload allows.

Based on tonight's input and recommendations from the Traffic Commission, staff will forward the proposed modifications to the Crossing Guard program and return to the Employee Relations and Public Safety Committee and City Council to report Traffic Commission findings and recommendations.

If the Commission, the Employee Relations and Public Safety Committee and City Council concur with the proposed crossing guard relocations, then staff may return to the Commission at a future date to initiate the review and consideration to remove unprotected marked crosswalk where crossing guards have been relocated from.

Respectfully submitted

ROBERT J. BESTE PUBLIC WORKS DIRECTOR

Ted Semaan,

Engineering Manager – Major Projects

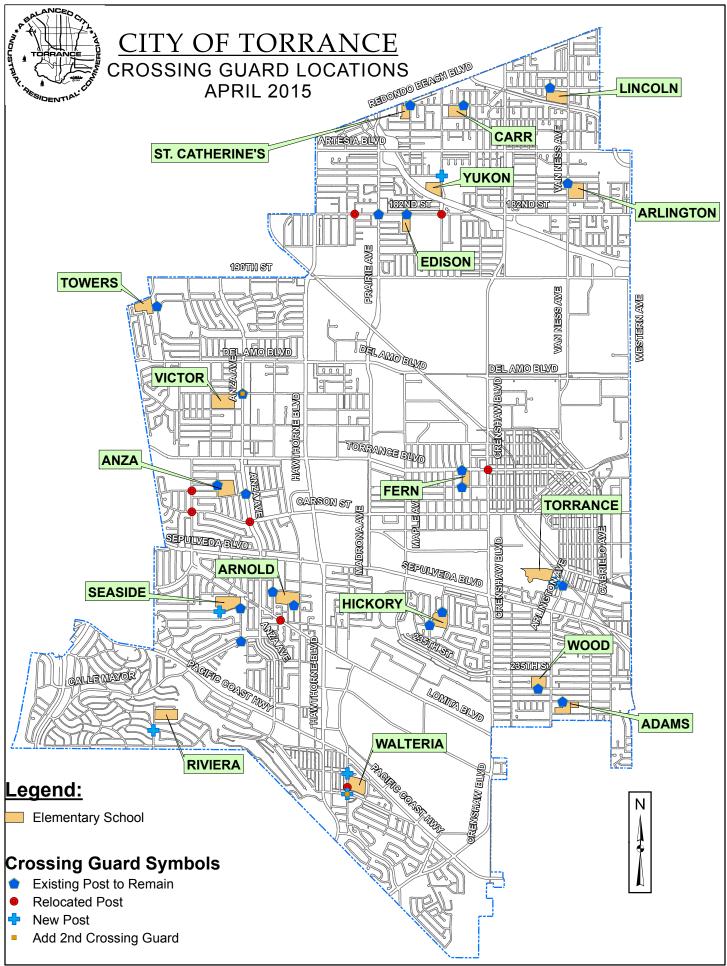
MARK A. MATSUDA CHIEF OF POLICE

Lt. Mark Underwood,

Traffic Division Commander

Attachments:

- A) Elementary School and Crossing Guard Overview Map
- B) Crossing Guard Summary and Recommendations Matrix
- C) Elementary School Area Zone Maps



CROSSING GUARD POST SUMMARY AND RECOMMENDATIONS

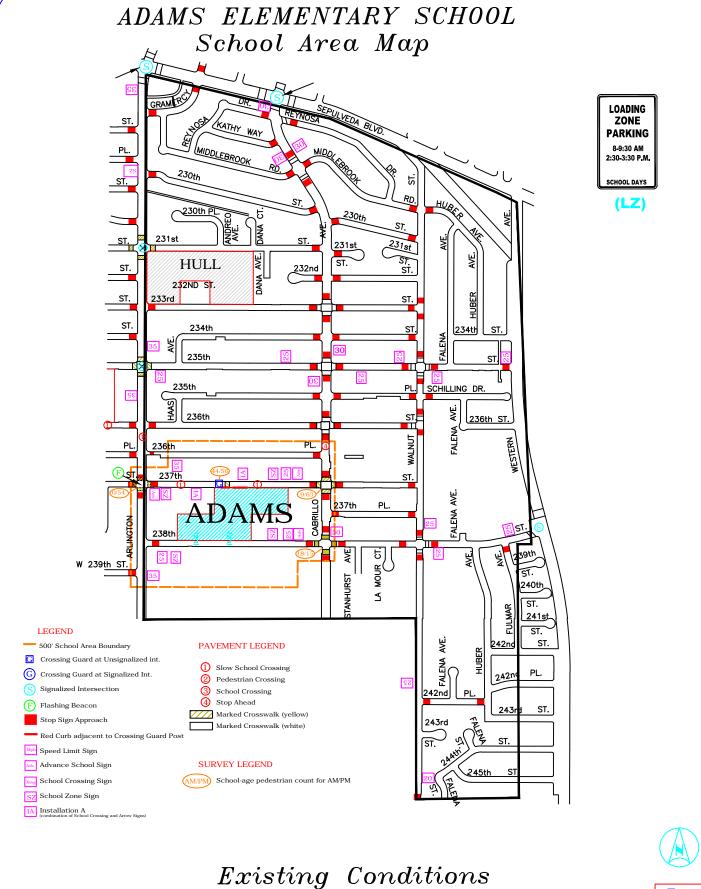
	1	<u> </u>	1	2	3	4	5
Elementary School	Existing Post No.	Intersection	Existing	Existing to Remain	Recommended to Relocate Ex. to New Post (see Notes Column for explanation)	Recommended New Post	Justification for Relocation or Assignment
Adams	1	237th & E. of Arlington	Χ	Х	-	-	
Anza	2	Palos Verdes & Carson	Х	-	Х	-	Low school age ped. volume (18-AM/17-PM); >500' from ES
	3	Palos Verdes & Ruby	Х	-	Х	-	Low school age ped. volume (3-AM/4-PM); >500' from ES
		Anza & Carson	х	-	Х	-	Fully signalized traffic signal, >500' from ES; low school age ped. volume (4-AM/6-PM); Ratio of adults to children crossing >1
		Anza & Lenore	Х	Х	-	-	
	6	Lillian & Ellinwood	Х	Χ	-	-	
	-	Lenore & Ellinwood	-	-	-	-	
Arlington	7	178th & Van Ness	Х	Х	-	-	
Arnold	8	227th & Ladeene	Х	Х	-	-	
	9	228 Pl & Adolph	Х	Х	-	-	
	10	Lomita & Kent	Х	-	Х	-	Children can cross at Lomita/Anza or Lomita/Ocean which both have a fully signalized traffic signal
	-	228th Pl & Ocean	-	-	-	-	-
Carr	11	168th & Ermanita	Х	Х	-	-	
Edison	12	182nd & Doty	Х	Х	-	-	
	13	182nd & Prairie	Х	Х	-	-	
		182nd & Bailey	X	-	Х	-	Children can cross at 182/Prairie or 182/Doty which both have a fully signalized traffic signal and a crossing guard; low school age ped. volume (9-AM/7-PM), east/west traffic is uncontrolled
Fern		El Dorado & Fern	Χ	X	-	-	
	16	Torrance & Fern	Χ	Х	-	-	
	17	Torrance & Crenshaw	Х	-	X	-	Fully signalized traffic signal; low school age ped. volume (6-AM/10-PM); >500' from ES;
Hickory		227 & Hickory	Χ	Х	-	-	
	19	230 & Juniper	Χ	Х	-	-	
	-	227th & Greenwood	-	-	-	-	
Lincoln	20	166 & Purche	Х	Х	-	-	

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CROSSING GUARD POST SUMMARY AND RECOMMENDATIONS

	Š.		1	2	3	4	5
Elementary School	Existing Post No.	Intersection	Existing	Existing to Remain	Recommended to Relocate Ex. to New Post (see Notes Column for explanation)	Recommended New Post	Justification for Relocation or Assignment
St. Catherine	21	168 & Ainsworth	Χ	Х	-	-	
Laboure	-	Redondo Beach & Ainsworth	-	-	-	-	
Riviera	-	Pas.Pablo/Pas.Arena/V.Colusa	-	-	-	Х	High ped. volume (31-AM/38-PM); Five approach intersection
Seaside Torrance	22	Carlow & Sharynne	Χ	Х	-	-	
	23	Carlow & Calle Mayor	Х	Х	-	-	
	-	Sharynne & Dennis	-	-	-	X	High ped. volume (47-AM/86-PM)
	-	Reynolds & Milne	-	-	-	-	
	24	Arlington & Lincoln	Х	X	-	-	
	-	Lincoln & Apple	-	-	-	Χ	High ped. volume (23-AM/103-PM)
Towers	25	Towers & Ronald	Χ	X	-	-	
Victor	26	Anza & Spencer	Х	Х	-	X (2nd Guard)	Add second guard to assist with high ped. volume (93-AM/249-PM)
	-	Garnet & Victor	-	-	-	-	
Walteria	27	Madison N/O Newton	х	-	Х	-	Children can cross at 244th/Madison and Newton/Madison which both are fully stop controlled intersections and are proposed for crossing guards; north/south traffic is uncontrolled
	-	244th & Madison	-	-	-	Χ	High ped. volume (46-AM/113-PM)
	-	Newton & Madison	-	-	-	X	High ped. volume (65-AM/122-PM)
	<u> </u>	Newton & Madison	-	-	-	X (2nd Guard)	Add second guard to assist with high ped. volume and redirected peds.
Wood	28	236th W/O Arlington	Х	Х	-	-	
Yukon	29	182 & Yukon	Х	-	X	-	Fully signalized traffic signal; >500' from ES; low school age ped. volume (10-AM/7-PM)
	-	177th & Yukon	-	-	-	Х	High ped. volume (38-AM/51-PM)
		TOTAL	29	21	8	8	

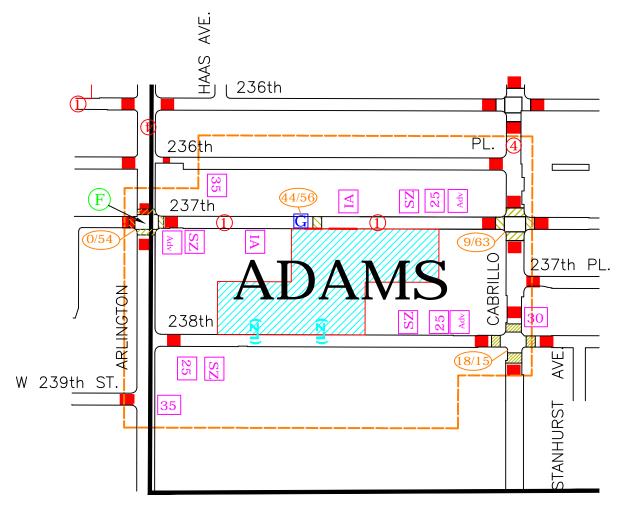
Page 2 of 2 4/1/2015

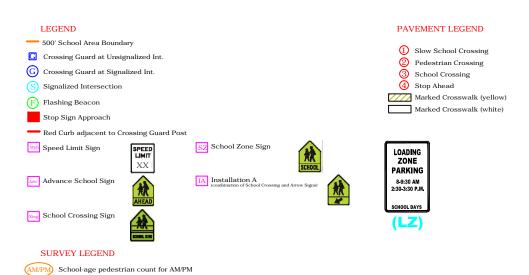






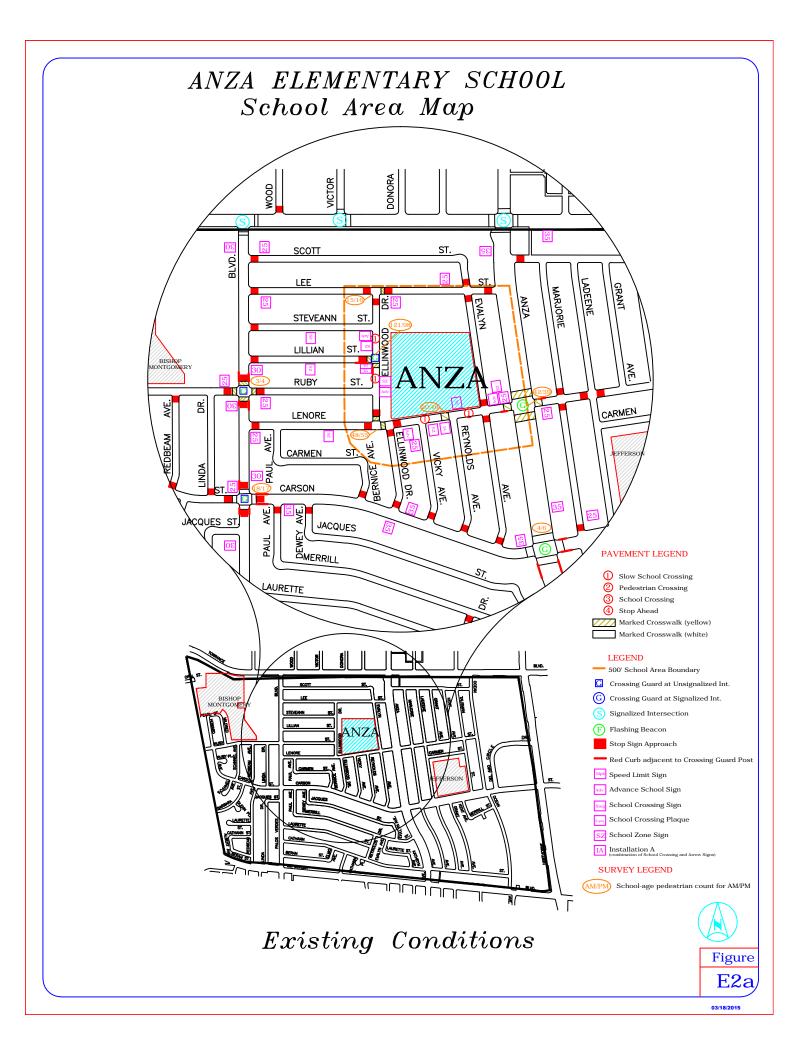
ADAMS ELEMENTARY SCHOOL 500' School Boundary Map



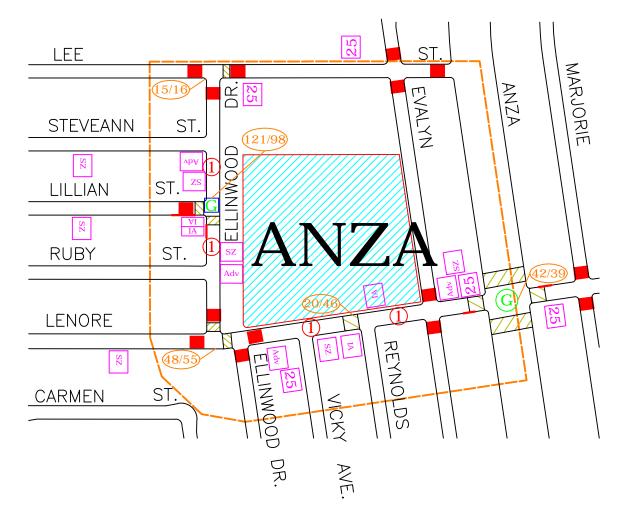








ANZA ELEMENTARY SCHOOL 500' School Boundary Map



LEGEND

- 500' School Area Boundary
- Crossing Guard at Unsignalized Int.
- G Crossing Guard at Signalized Int.
- Signalized Intersection
- Flashing Beacon
- Stop Sign Approach
- Red Curb adjacent to Crossing Guard Post
- Mph Speed Limit Sign
- Adv Advance School Sign
- School Crossing Sign







PAVEMENT LEGEND

- 1 Slow School Crossing
- Pedestrian Crossing
- 3 School Crossing
- Stop Ahead
- Marked Crosswalk (yellow)
 Marked Crosswalk (white)

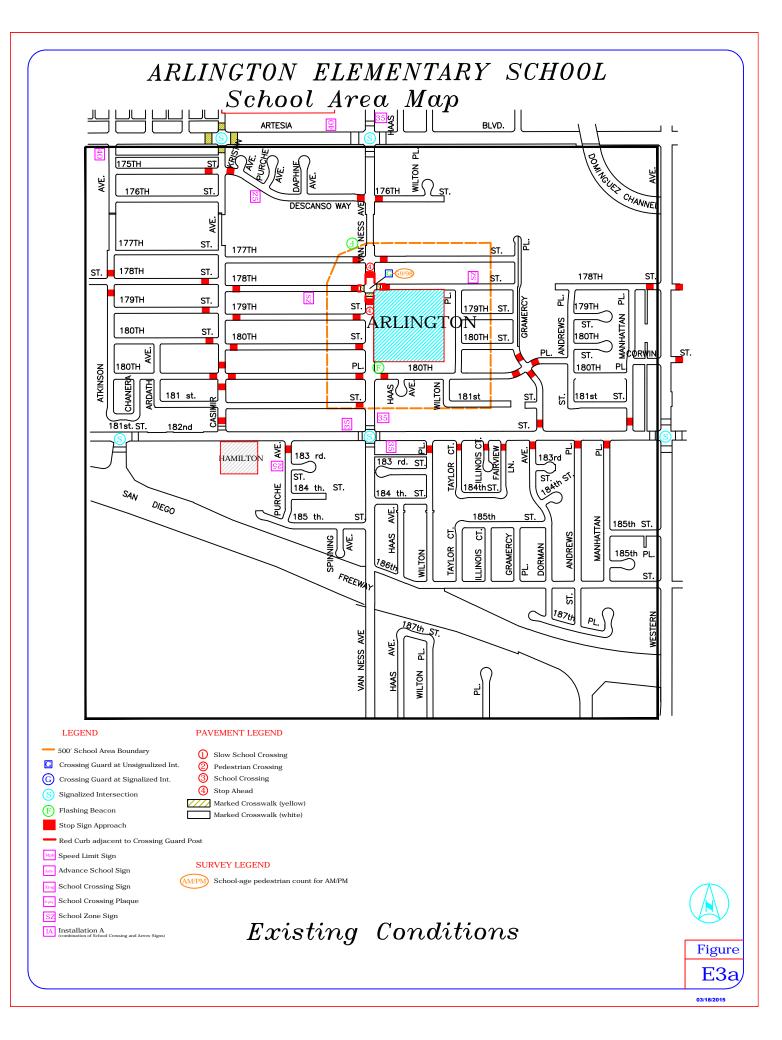
SURVEY LEGEND

AM/PM School-age pedestrian count for AM/PM

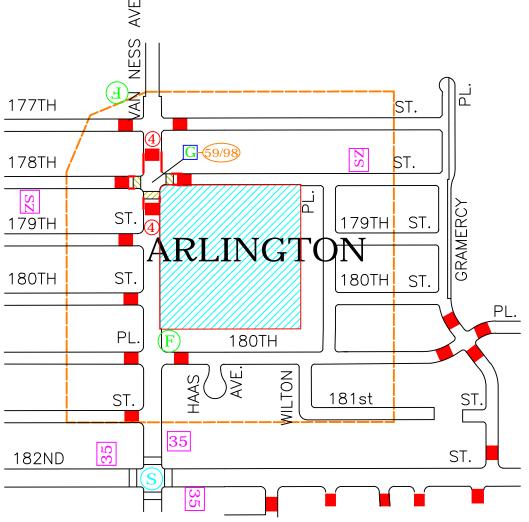
Existing Conditions

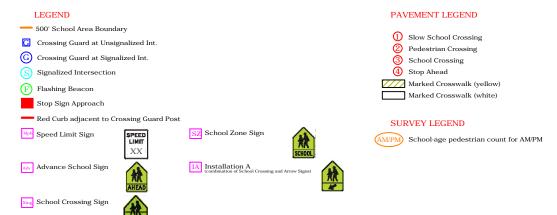


Figure E2b



ARLINGTON ELEMENTARY SCHOOL 500' School Boundary Map





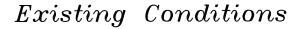
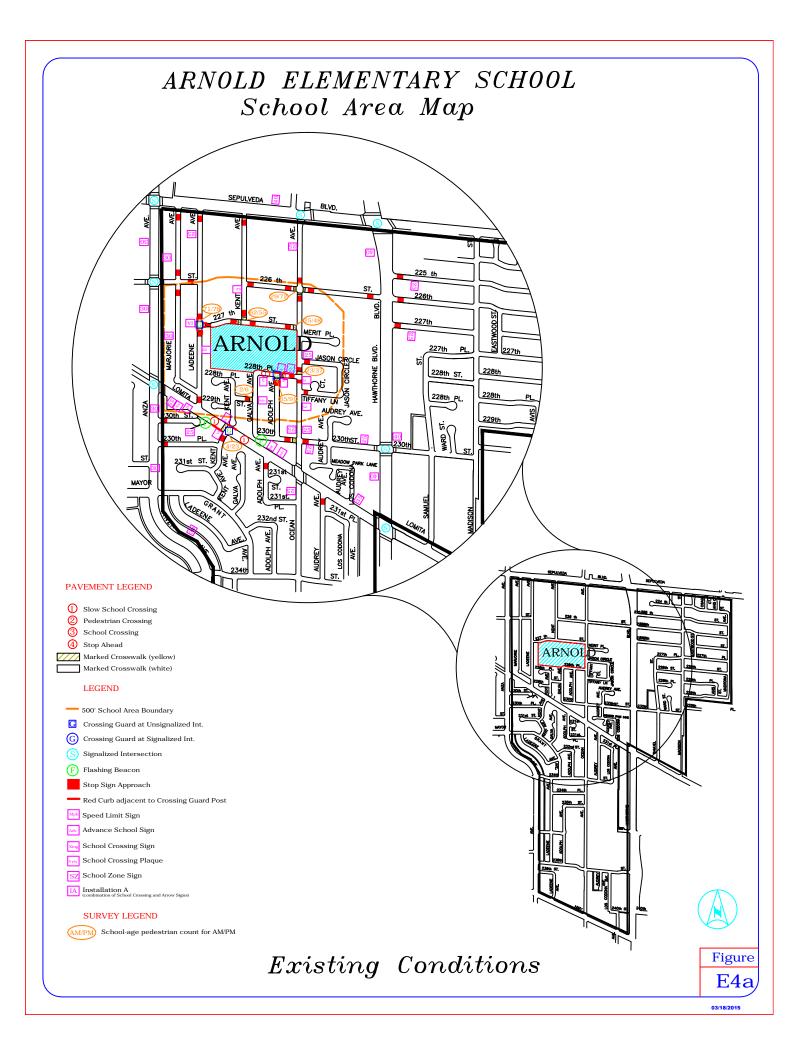


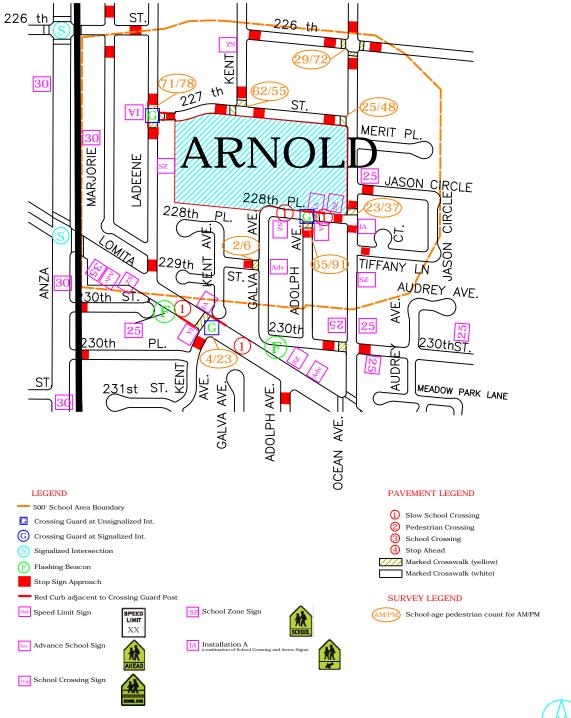


Figure E3b

03/48/2046



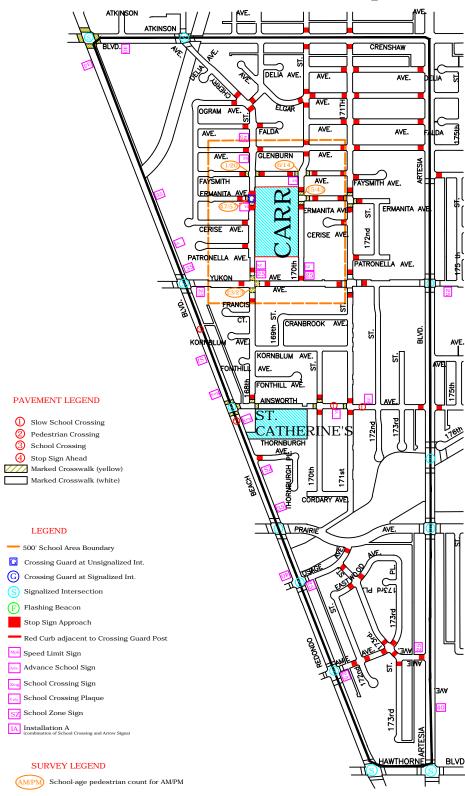
ARNOLD ELEMENTARY SCHOOL 500' School Boundary Map







CARR ELEMENTARY SCHOOL School Area Map

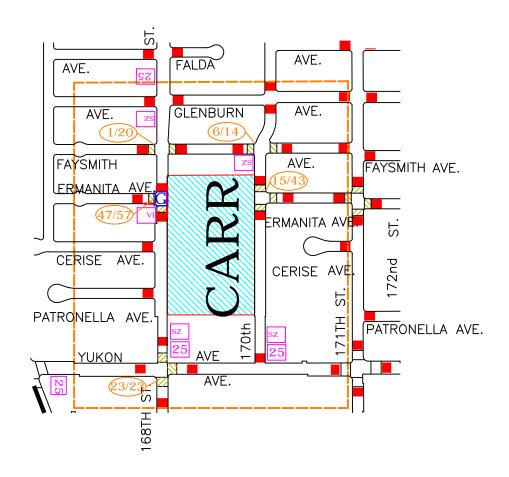


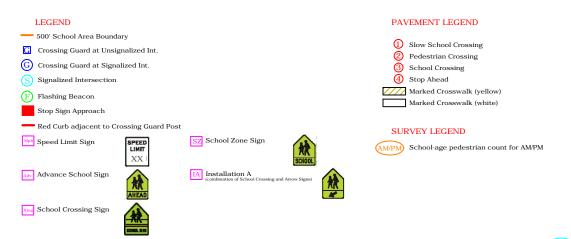
Existing Conditions



Figure E5a

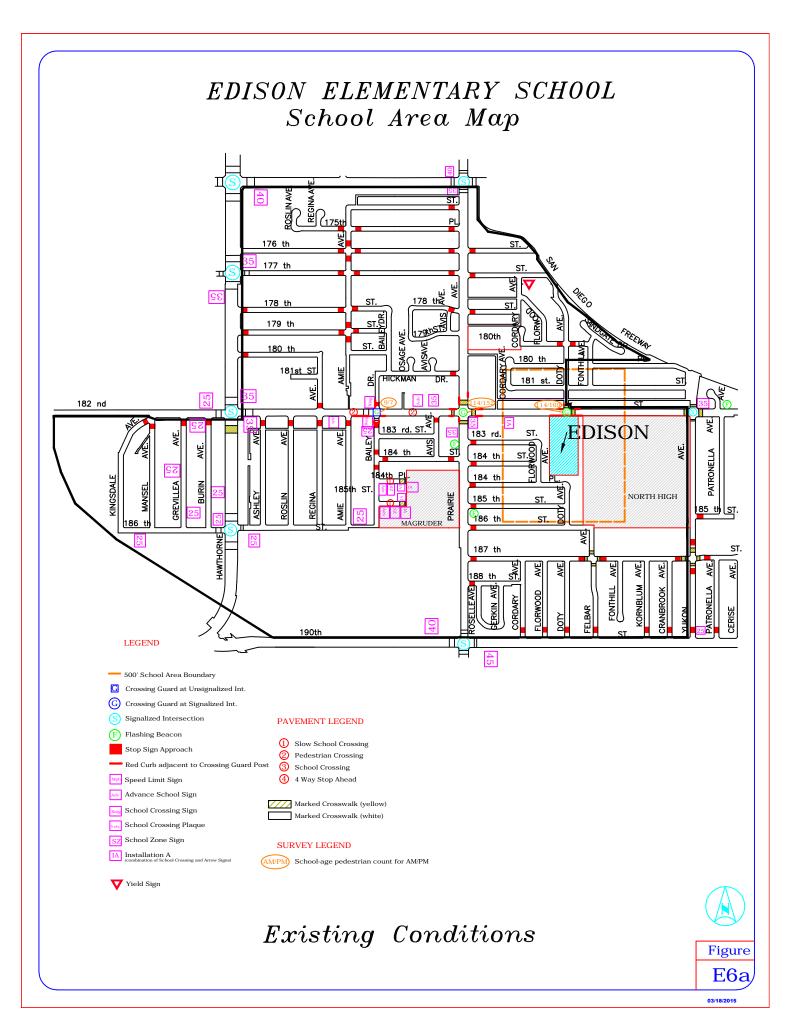
CARR ELEMENTARY SCHOOL 500' School Boundary Map



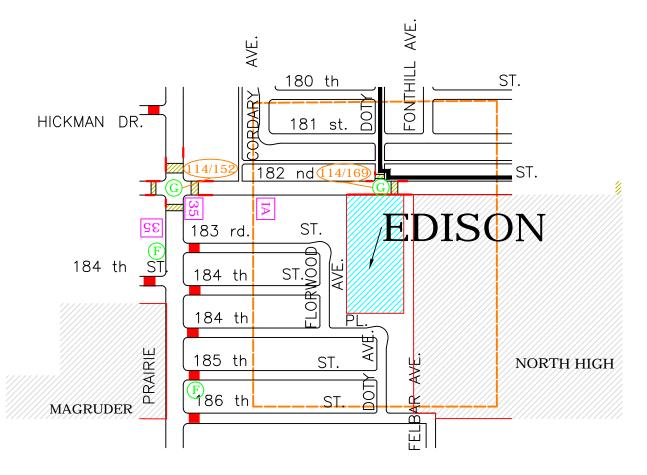


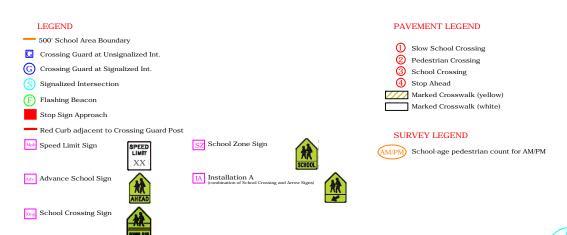






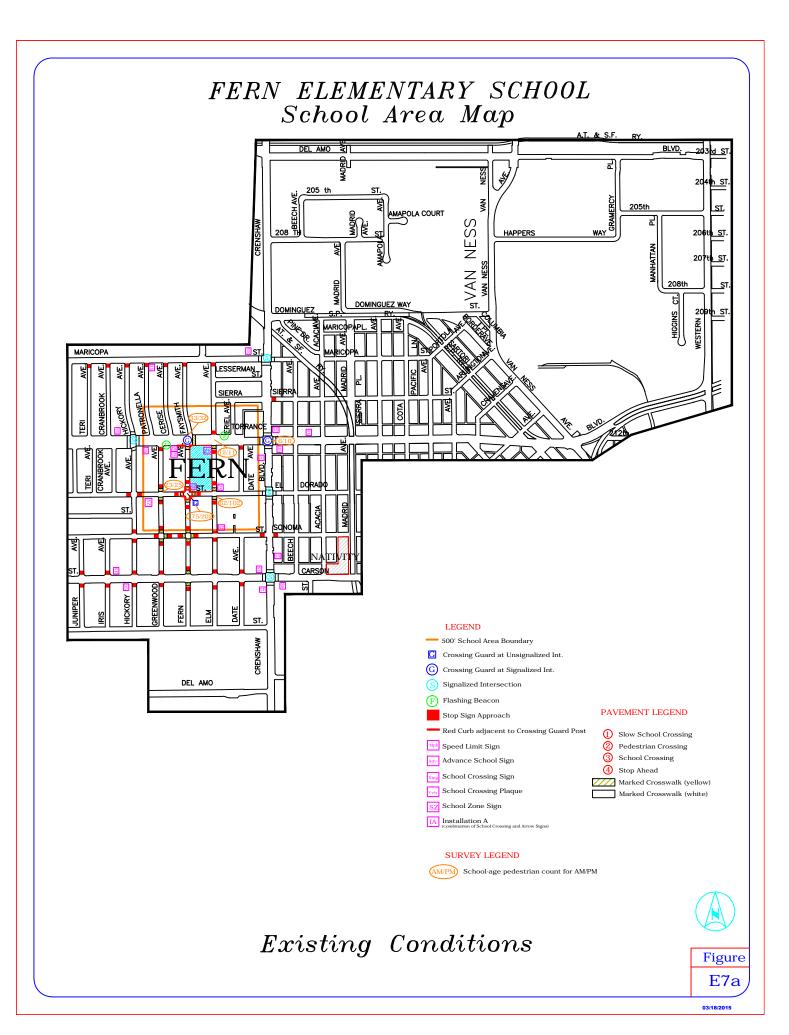
EDISON ELEMENTARY SCHOOL 500' School Boundary Map



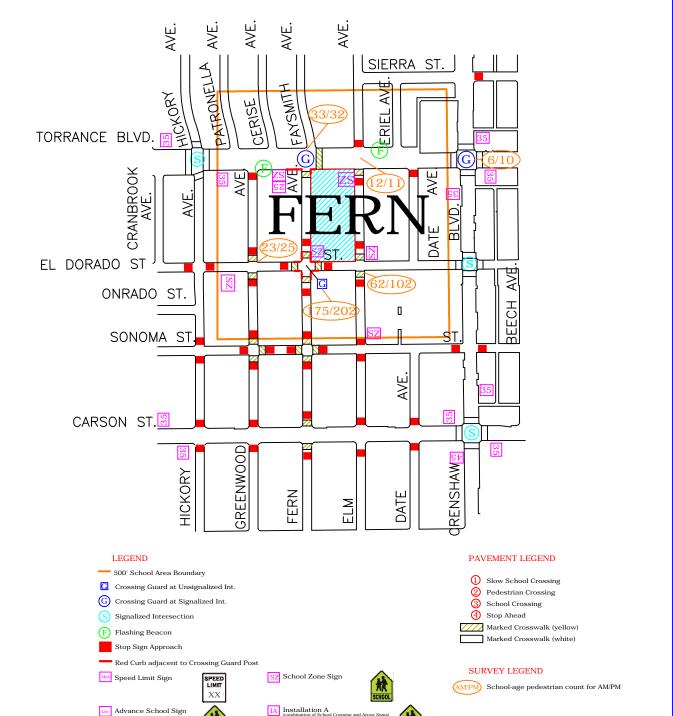


Existing Conditions





FERN ELEMENTARY SCHOOL 500' School Boundary Map



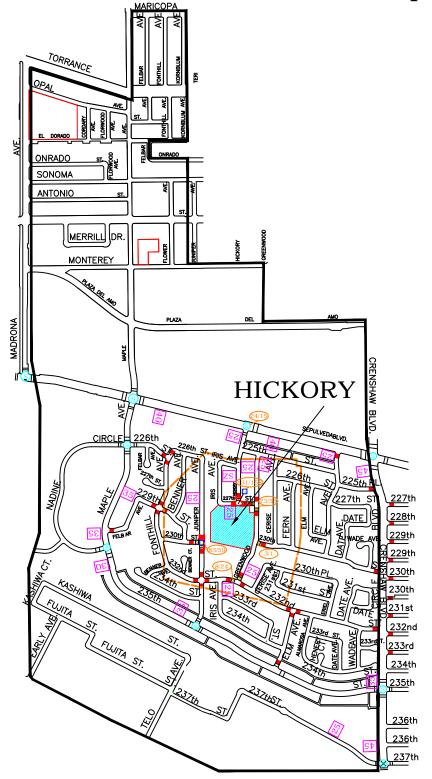
Existing Conditions

Xing School Crossing Sign





HICKORY ELEMENTARY SCHOOL School Area Map



PAVEMENT LEGEND

- Slow School Crossing
- Pedestrian Crossing
- 3 School Crossing
- 4 Stop Ahead
- Marked Crosswalk (yellow)
 - Marked Crosswalk (white)

LEGEND

- 500' School Area Boundary
- Crossing Guard at Unsignalized Int.
- G Crossing Guard at Signalized Int.
- Signalized Intersection
- Flashing Beacon
- Stop Sign Approach
- Red Curb adjacent to Crossing Guard Post
- Mph Speed Limit Sign
- Adv Advance School Sign
- Xing School Crossing Sign
- School Crossing Plaque
- SZ School Zone Sign
- IA Installation A (combination of School Crossing and Arrow Signs;

SURVEY LEGEND

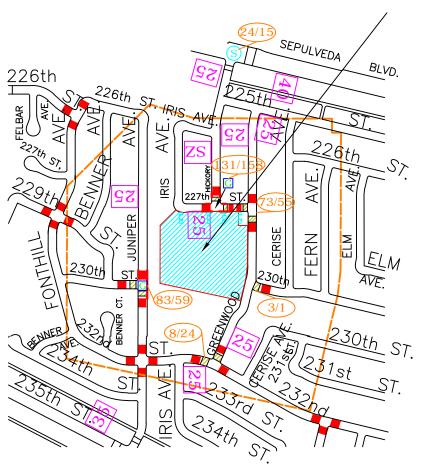
AM/PM School-age pedestrian count for AM/PM

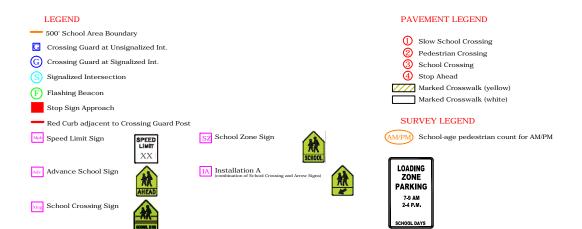




HICKORY ELEMENTARY SCHOOL 500' School Boundary Map

HICKORY





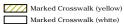




LINCOLN ELEMENTARY SCHOOL School Area Map

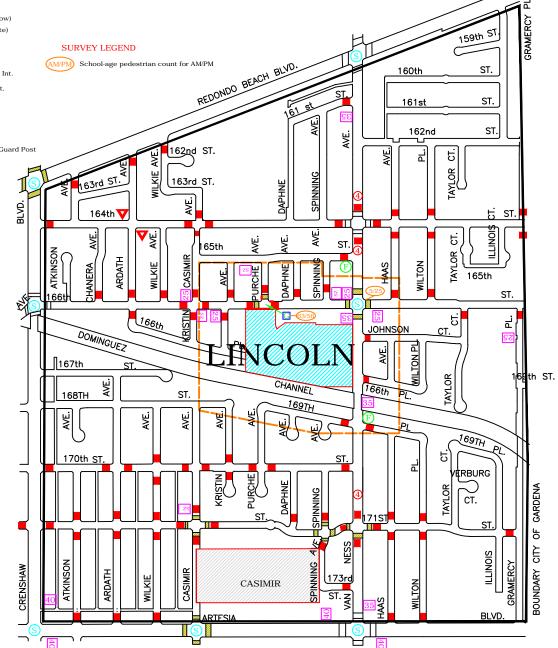
PAVEMENT LEGEND

- (1) Slow School Crossing
- Pedestrian Crossing
- 4 Way Stop Ahead



500' School Area Boundary

- G Crossing Guard at Unsignalized Int.
- G Crossing Guard at Signalized Int.
- Signalized Intersection
- Flashing Beacon
- Stop Sign Approach
- Red Curb adjacent to Crossing Guard Post
- Mph Speed Limit Sign
- Adv Advance School Sign
- Xing School Crossing Sign
- School Crossing Plaque
- SZ School Zone Sign
- IA Installation A Yield Sign

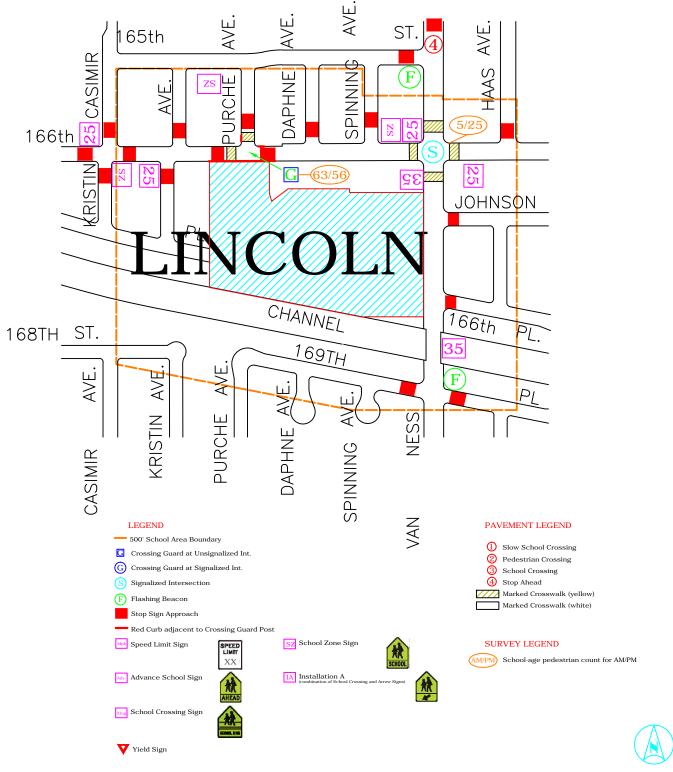




Existing Conditions



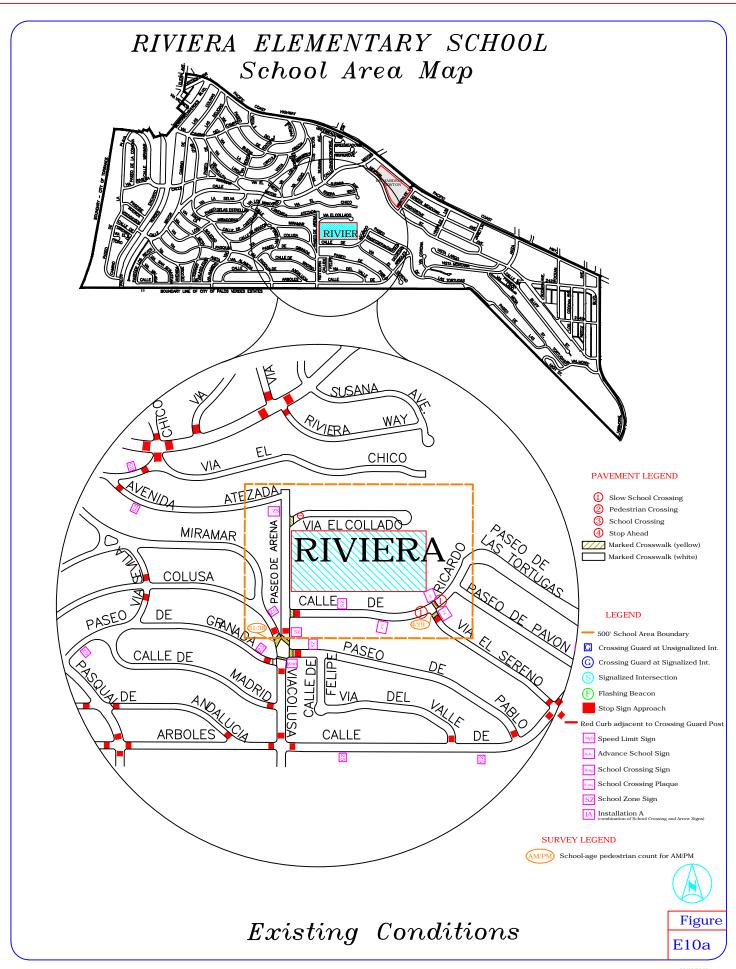
LINCOLN ELEMENTARY SCHOOL 500' School Boundary Map



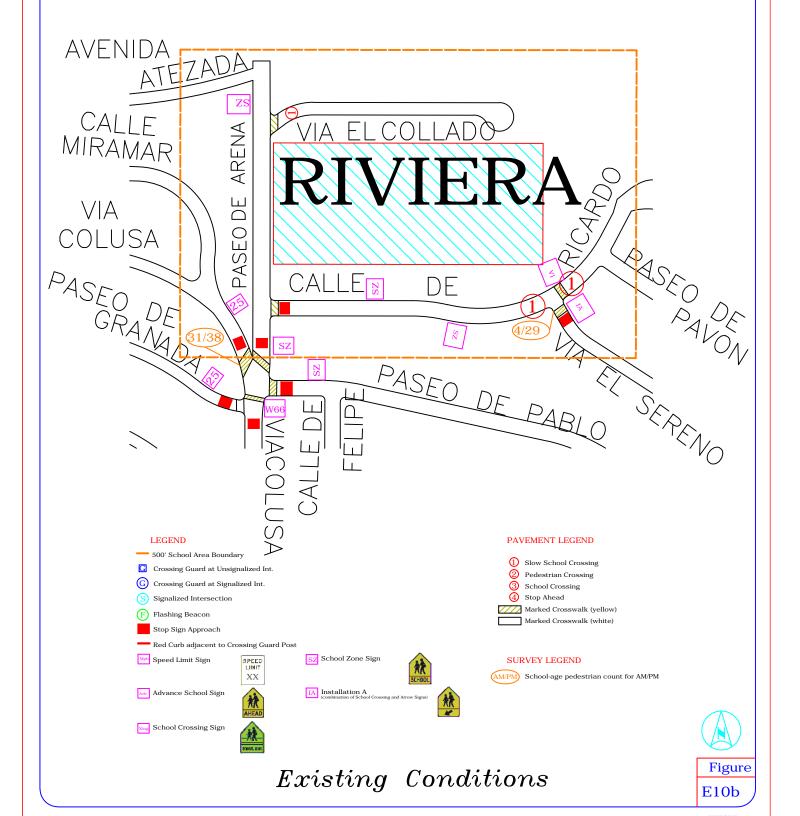
Existing Conditions



03/49/2046



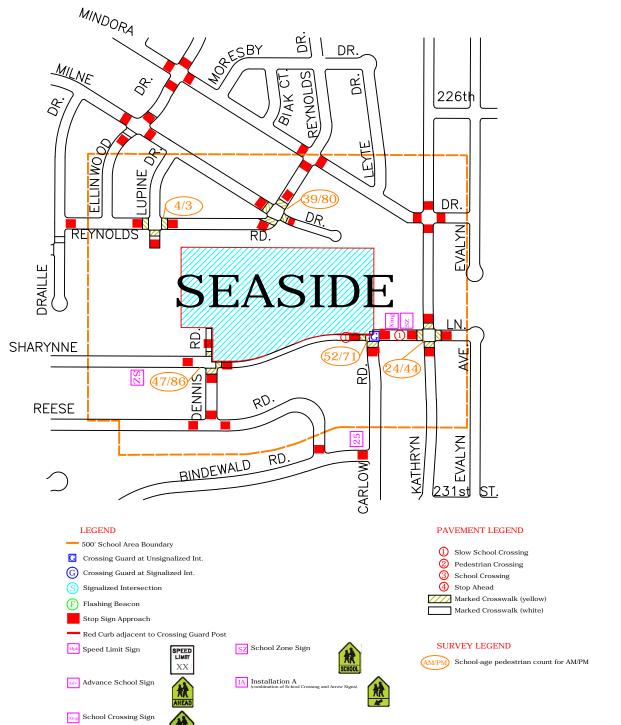
RIVIERA ELEMENTARY SCHOOL 500' School Boundary Map



SEASIDE ELEMENTARY SCHOOL School Area Map BERAN SUNNY VIEW SEASIDE SHARYNNE REESE CAROL CALLE $SO_{U_{TH}}$ LEGEND 500' School Area Boundary Crossing Guard at Unsignalized Int. G Crossing Guard at Signalized Int. PAVEMENT LEGEND Signalized Intersection Flashing Beacon 1 Slow School Crossing Stop Sign Approach Pedestrian Crossing Red Curb adjacent to Crossing Guard Post 4 Stop Sign Ahead Mph Speed Limit Sign Marked Crosswalk (yellow) Marked Crosswalk (white) Advance School Sign Xing School Crossing Sign SURVEY LEGEND x_{plq} School Crossing Plaque (AM/PM) School-age pedestrian count for AM/PM IA Installation A Existing Conditions **Figure**

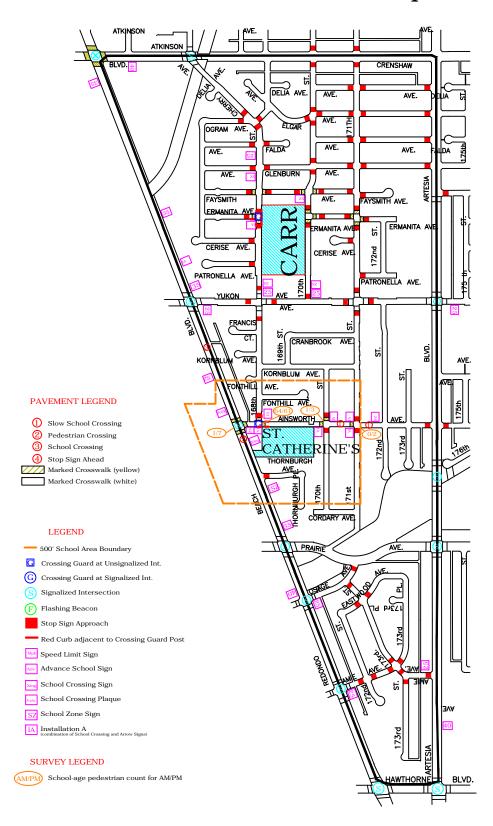
E11a

SEASIDE ELEMENTARY SCHOOL 500' School Boundary Map





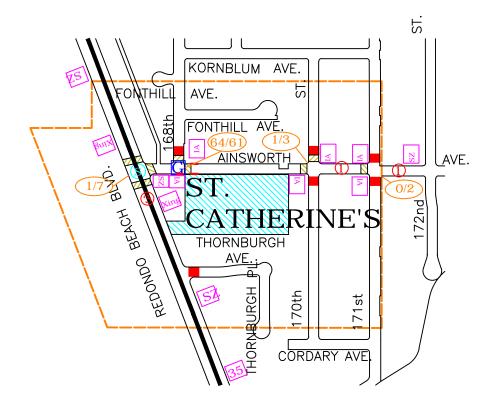
ST. CATHERINE ELEMENTARY SCHOOL School Area Map







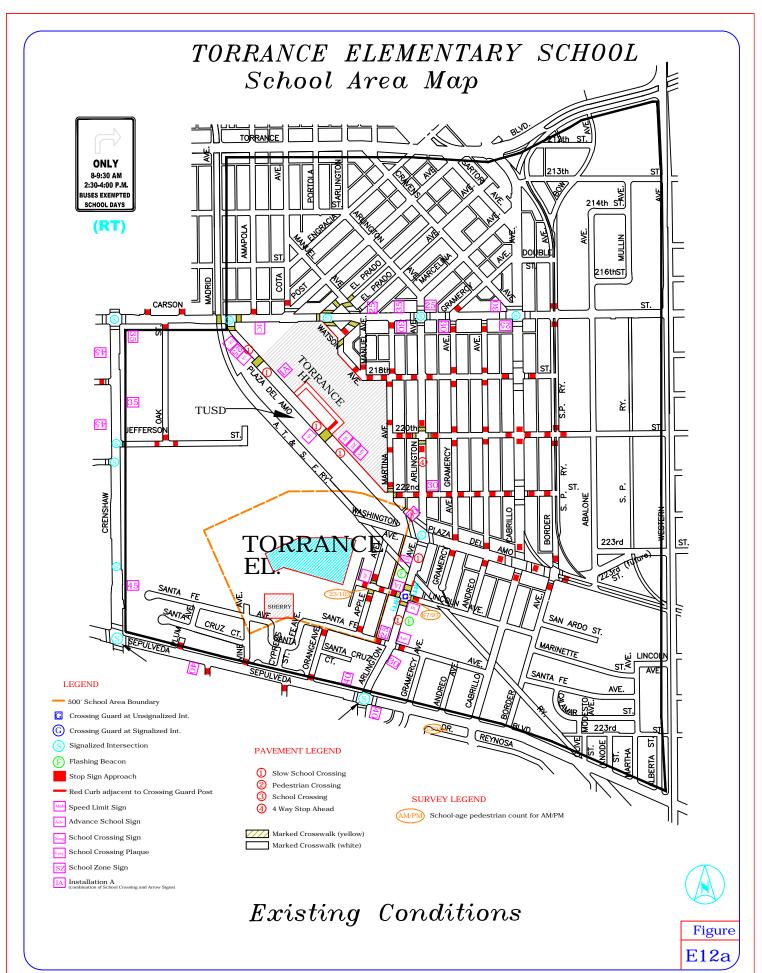
ST. CATHERINE ELEMENTARY SCHOOL 500' School Boundary Map



PAVEMENT LEGEND LEGEND 500' School Area Boundary 1 Slow School Crossing Crossing Guard at Unsignalized Int. 2 Pedestrian Crossing G Crossing Guard at Signalized Int. 3 School Crossing Signalized Intersection 4 Stop Ahead Marked Crosswalk (yellow) Flashing Beacon Marked Crosswalk (white) Stop Sign Approach Red Curb adjacent to Crossing Guard Post SURVEY LEGEND SZ School Zone Sign Mph Speed Limit Sign (AM/PM) School-age pedestrian count for AM/PM Adv Advance School Sign IA Installation A Xing School Crossing Sign







TORRANCE ELEMENTARY SCHOOL 500' School Boundary Map MSHINGTON PLAZA DEL AMO SANTA AVE. SHERRY SANTA FE CRUZ CT. PAVEMENT LEGEND SURVEY LEGEND 500' School Area Boundary (AM/PM) School-age pedestrian count for AM/PM 1 Slow School Crossing Crossing Guard at Unsignalized Int. Pedestrian Crossing G Crossing Guard at Signalized Int. 3 School Crossing Signalized Intersection Marked Crosswalk (yellow) Flashing Beacon Marked Crosswalk (white) Stop Sign Approach Red Curb adjacent to Crossing Guard Post Mph Speed Limit Sign SZ School Zone Sign ONLY IA Installation A (combination of School Crossing and Adv Advance School Sign 2:30-4:00 P.M USES EXEMPTED Xing School Crossing Sign SCHOOL DAYS (RT) Existing Conditions **Figure** E12b

TOWERS ELEMENTARY SCHOOL School Area Map BURIN GREVILLEA AVE. MANSEL AVE. FIRMONA BOUNDARY GITY OF REDONDO BEACH 📙 TALISMAN BERNIST AVE. INGRUM BELLEMARE AVE. INGLEW OOD LYNN DONORA AVE. AVE. PAVEMENT LEGEND ENTRADERO 1 Slow School Crossing 2 Pedestrian Crossing School Crossing ENTRA DERO 4 Stop Ahead Marked Crosswalk (yellow) Marked Crosswalk (white) LEGEND 500' School Area Boundary G Crossing Guard at Unsignalized Int. G Crossing Guard at Signalized Int. Signalized Intersection Flashing Beacon Stop Sign Approach Red Curb adjacent to Crossing Guard Post Mph Speed Limit Sign Adv Advance School Sign TOWERS Xing School Crossing Sign School Crossing Plaque

SURVEY LEGEND

SZ School Zone Sign

IA Installation A

(combination of School Cross

AM/PM School-age pedestrian count for AM/PM

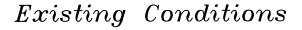
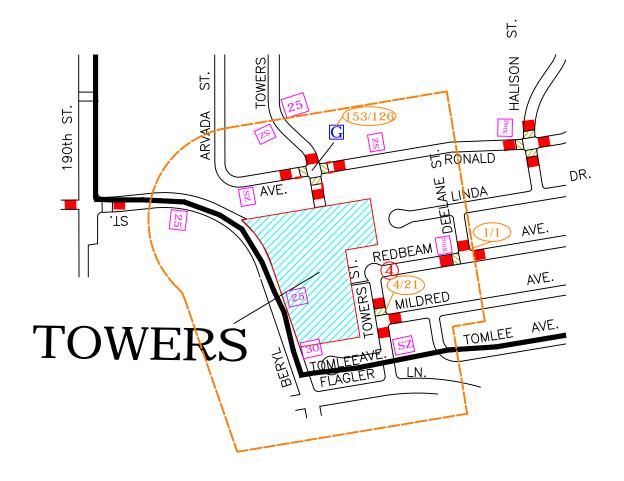




Figure E13a

TOWERS ELEMENTARY SCHOOL 500' School Boundary Map



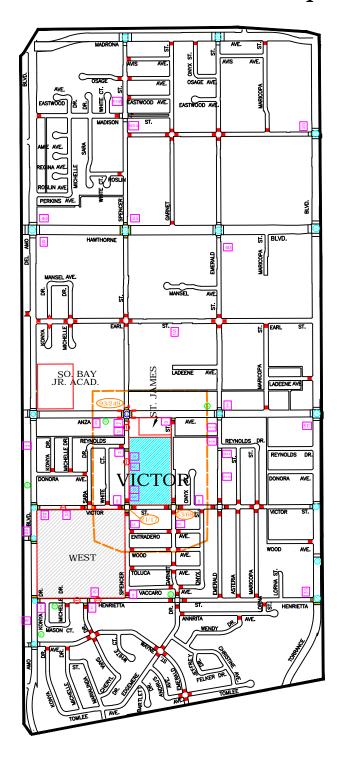


Existing Conditions



Figure E13b

VICTOR ELEMENTARY SCHOOL School Area Map



PAVEMENT LEGEND

- 1 Slow School Crossing
- 2 Pedestrian Crossing
- 3 School Crossing
- Stop Sign Plate
- Marked Crosswalk (yellow)
- Marked Crosswalk (white)

LEGEND

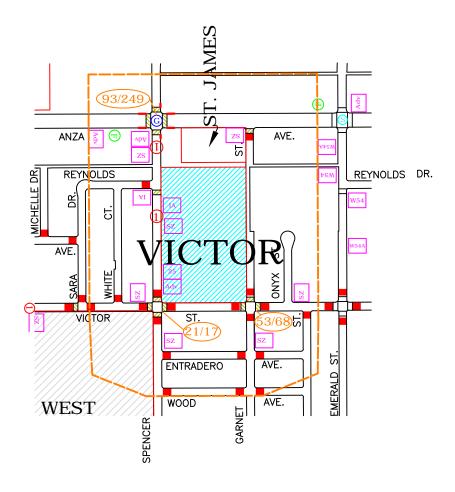
- 500' School Area Boundary
- Crossing Guard at Unsignalized Int.
- G Crossing Guard at Signalized Int.
- Signalized Intersection
- Flashing Beacon
- Stop Sign Approach
- Red Curb adjacent to Crossing Guard Post
- Mph Speed Limit Sign
- Adv Advance School Sign
- Xing School Crossing Sign
- X-plq School Crossing Plaque
- SZ School Zone Sign
- IA Installation A (combination of School Crossing and Arrow Sig

SURVEY LEGEND

AM/PM School-age pedestrian count for AM/PM



VICTOR ELEMENTARY SCHOOL 500' School Boundary Map



LEGEND 500' School Area Boundary Crossing Guard at Unsignalized Int. Crossing Guard at Signalized Int. Signal

Xing School Crossing Sign

PAVEMENT LEGEND

Slow School Crossing
 Pedestrian Crossing

3 School Crossing

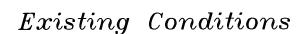
4 Stop Ahead

Marked Crosswalk (yellow)

Marked Crosswalk (white)

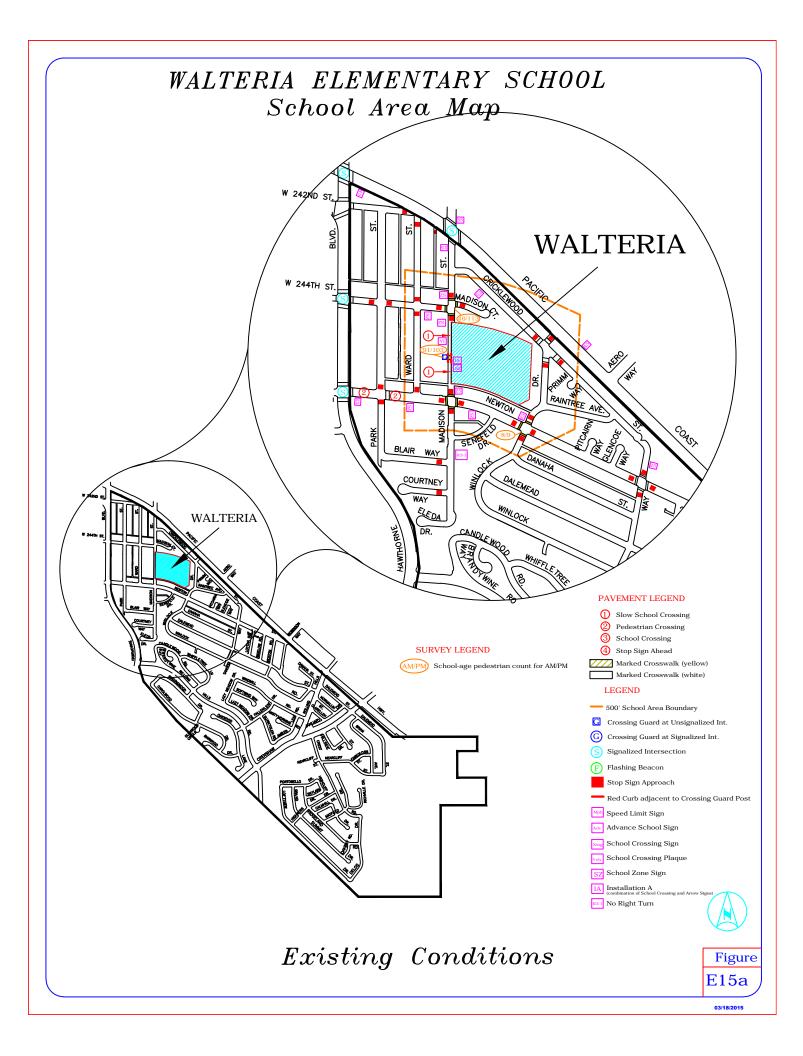
SURVEY LEGEND

AM/PM School-age pedestrian count for AM/PM

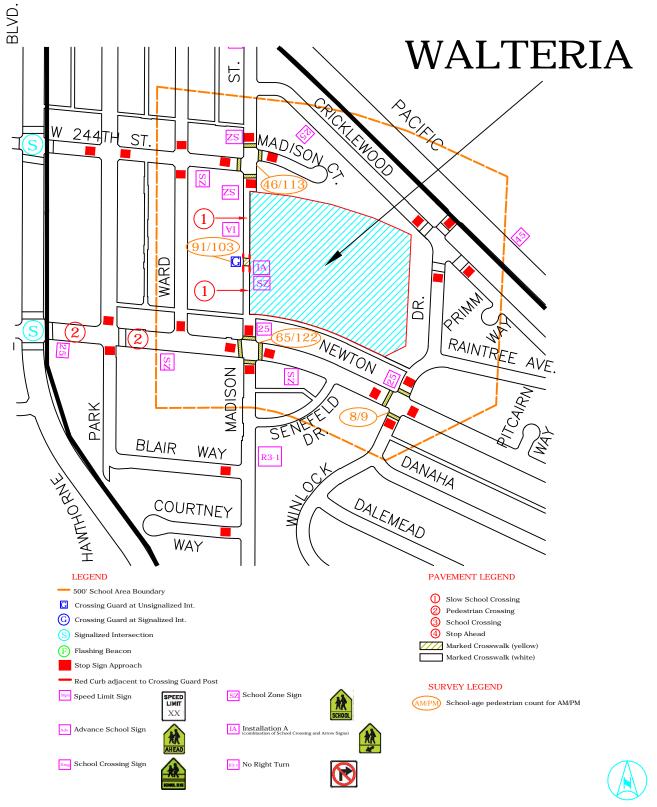






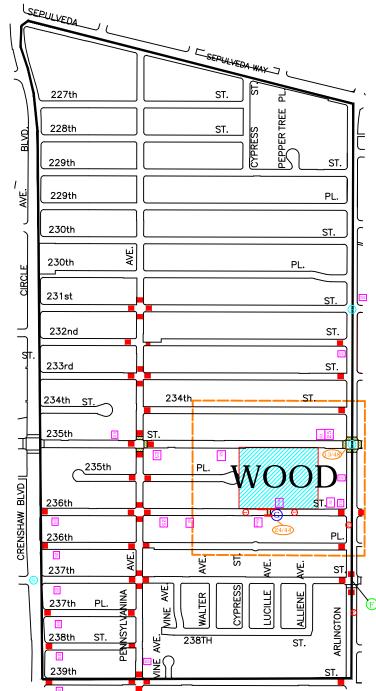


WALTERIA ELEMENTARY SCHOOL 500' School Boundary Map





WOOD ELEMENTARY SCHOOL School Area Map



PAVEMENT LEGEND

- 1 Slow School Crossing
- Pedestrian Crossing
- School Crossing 4 Stop Ahead
- Marked Crosswalk (yellow)
 - Marked Crosswalk (white)

LEGEND

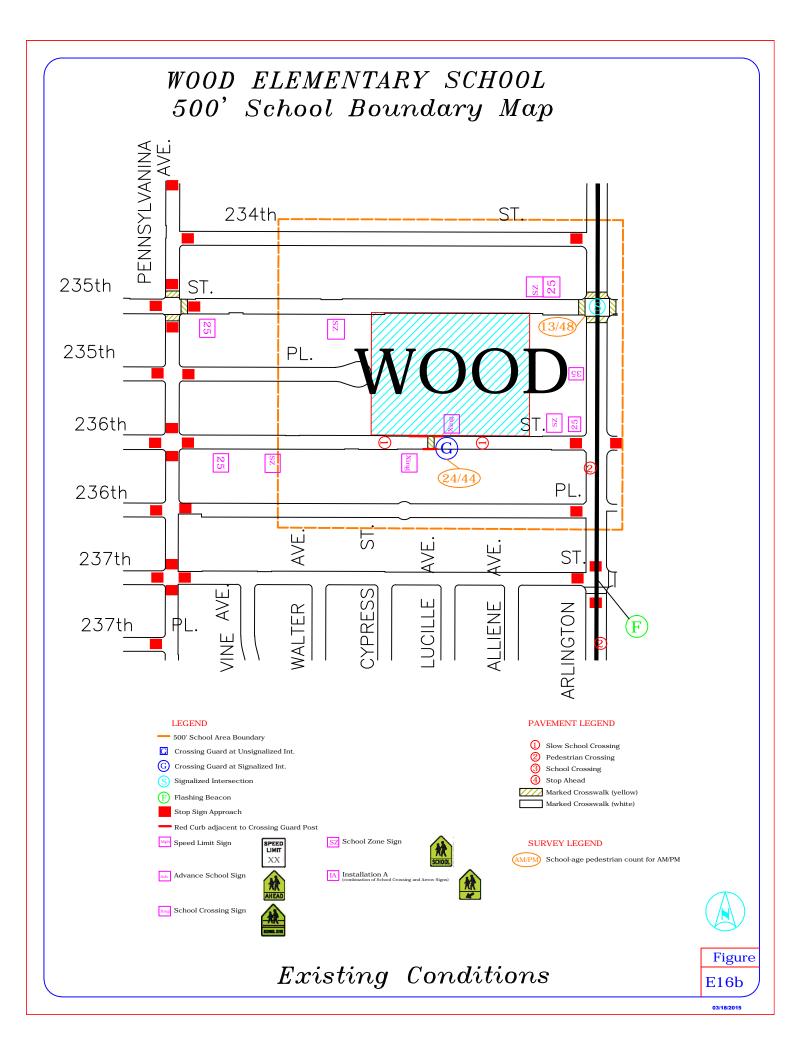
- 500' School Area Boundary
- Crossing Guard at Unsignalized Int.
- G Crossing Guard at Signalized Int.
- Signalized Intersection
- Flashing Beacon
- Stop Sign Approach
- Red Curb adjacent to Crossing Guard Post
- Mph Speed Limit Sign
- Adv Advance School Sign
- Xing School Crossing Sign
- X-plq School Crossing Plaque
- SZ School Zone Sign
- IA Installation A (combination of School Crossing and Arrow Signs)

SURVEY LEGEND









YUKON ELEMENTARY SCHOOL School Area Map 175th ST. 175 th AVE. CRANBROOK 176th 177 th ST. 178 th 179 th AVE. 180 th ST. 180 th 181st. ST. ST. <u>©</u> ¥ 183rd ĄĘ. CRENSHAW PAVEMENT LEGEND FALDA 1 Slow School Crossing Pedestrian Crossing 3 School Crossing 185 th Stop Sign Ahead ST. 185 th Marked Crosswalk (yellow) ST. Marked Crosswalk (white) 186 th LEGEND 187 th ST. - 500' School Area Boundary ST. Crossing Guard at Unsignalized Int. G Crossing Guard at Signalized Int. 187 th PL Signalized Intersection Flashing Beacon 188 th ST. Stop Sign Approach Red Curb adjacent to Crossing Guard Post ST. 189 th Mph Speed Limit Sign CERISE Adv Advance School Sign Xing School Crossing Sign X-plq School Crossing Plaque SZ School Zone Sign IA Installation A (combination of School Crossing and Arrow Signs) SURVEY LEGEND AM/PM School-age pedestrian count for AM/PM Existing Conditions **Figure** E17a 03/18/2015

YUKON ELEMENTARY SCHOOL 500' School Boundary Map AINSWORTH AVE. KORNBLU AVE. 180th PL ST 181st 182nd ST. LEGEND 500' School Area Boundary Crossing Guard at Unsignalized Int. SURVEY LEGEND G Crossing Guard at Signalized Int. (AM/PM) School-age pedestrian count for AM/PM Signalized Intersection Flashing Beacon Stop Sign Approach PAVEMENT LEGEND Red Curb adjacent to Crossing Guard Post 1 Slow School Crossing SZ School Zone Sign Mph Speed Limit Sign Pedestrian Crossing School Crossing IA Installation A 4 Stop Ahead Adv Advance School Sign Marked Crosswalk (yellow) Marked Crosswalk (white) Xing School Crossing Sign



